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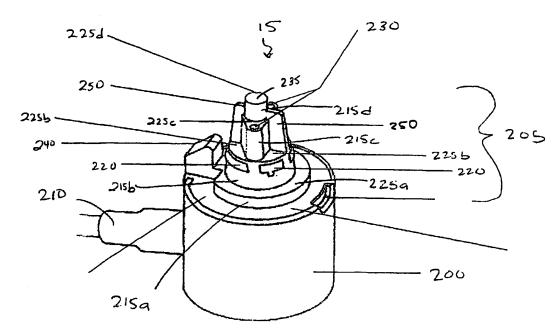
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[Continued on next page]

(54) Title: EAR PROBE AND DISPOSABLE EAR TIP SYSTEM



(57) Abstract: An improved ear probe and disposable ear tip system for insertion into an ear canal of a subject during auditory testing. The probe includes a base portion and a cap portion. The base portion of the probe houses electronic components for sound generation, transmission and collection. The cap portion of the probe includes features for mechanical attachment of the tip to the probe in such a way as to provide a tight acoustic seal between the probe and the tip. The tip is disposable and protects the probe from being occluded by debris in the ear canal.



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A. CLASSIF IPC 7.	FICATION OF SUBJECT MATTER A61B5/12 A61B1/227		
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B. FIELDS	SEARCHED currentation searched (classification system followed by classification	a cumbala)	
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Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)	
EPO-In	ternal, WPI Data		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relev	vant passages	Relevant to claim No.
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Υ			8,10,11, 16, 22-25, 54-57
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X Furth	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
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Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Birkenmaier, T	

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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 146 775 A (CONNORS JOHN D ET AL) 1 September 1964 (1964-09-01) the whole document	1-4, 9-16, 21-25, 37, 46-50, 53-57
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ational application No. PCT/US2004/016200

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple Inventions in this international application, as follows: see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: See annex
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

- 1. claims: 1-4, 8-16, 21-25 37,46-50, 53-57
- 1.1. claims: 1-4, 12-16, 21, 37, 46-50, 53

Constructional details of the attachment mechanism of an ear probe and a disposable tip

1.2. claims: 8-11, 22-25, 54-57

Optional devices which are included in an ear probe system (light source or microphone)

2. claims: 5-7, 12, 17-20, 26-36, 38-45, 51, 52, 58-61

Alignment features of an ear probe with a disposable tip

In: al Application No PCI/US2004/016200

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